

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5M

Date: June 13, 2019

SAP Equipment ID 66147738

Report # 66147738-2019-VE-01

VESSEL STATIC DATA											
Plant				Ansell Gas Plant				Op Unit		System	
Prov. Insp. #				A0555954				CRN		R9944.213	
Equipment Description				Oil Separator				Serial #		80417401	
Manufacturer				Toromont Process Systems				Vessel Class			
Internal Access				YES, NO Description				Year Built		2006	
MAWP				kPa / PSI @				°C / °F		MDMT	
CODE UM				U U2				RT 1 2 3 4		PWHT	
Diameter			Length (T/T)			mm/in			OAL mm / in		
Shell Mat'l			Thickness			mm / in			Corr Allowance mm / in		
Head Mat'l			Thickness			mm / in			Corr Allowance mm / in		
Nozzle Mat'l			Thickness			mm / in			Corr Allowance mm / in		
Internal Coating: YES NO				Internal Clad YES NO				Capacity m ³			
Manway YES NO				Inspection Port YES NO				Skirt Legs Saddle			
Nozzle Rating			lb ANSI			Painted YES NO			Insulated YES NO		
PROCESS DATA											
Product Description								Sweet		Sour	
Operating Pressure								kPa / psi		Operating Temperature °C / °F	
PROTECTED BY PRD or OPPSD											
PRD STATIC DATA											
Serial No.	Location	Set Pressure	Capacity SCFM / Lbs/Hr / GPM	Manufacturer	Model / Type	Last Service Date & Company					
523359-1-DA	Top Shell	2758 KPA	14620 SCFM	Farris	38KC12-120	June 2015, Wizard					
PRD DETAILS											
	Type (Thread/Flange)			ANSI Rating			Size (mm)				
PRD Inlet	Flanged										
PRD Outlet	Flanged										

INSPECTION SUMMARY

- Visual inspection performed
- Data plate secure and legible
- Vessel adequately supported
- Vessel is insulated, and the cladding is in good condition on the shell
- There is cladding damage on the top head of the vessel.
- Vessel and piping in acceptable condition
- PSV set pressure acceptable
- PSV service date is up to date
- Vessel is acceptable and FFS.

RECOMMENDATIONS

1. The vessel is acceptable and FFS.
2. Repair the cladding on the top head

NONCONFORMANCES / INSPECTION DEFICIENCIES

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INSPECTION PLANNING

Inspection Strategy	Availability	Inspection Interval
Inspection Date <u>June 13, 2019</u>	Date of Last Inspect _____	Date of Next Inspect _____

REPORT CERTIFICATION

The signatures below certify that inspections/tests have been completed in accordance with the identified inspection strategy and that the specified equipment is considered fit for service until the date of next inspection.

Inspected by	Jabulani (Jay) Dube		Date	June 13, 2019
Company	Streamline Inspection	PESL #	000769	API #
Reviewed and Approved by	_____		Date	_____
	_____	PESL #	_____	API #
Criticality Assessment Rerun	_____	Inspection Planning Rerun	_____	
Optional Rule Group Confirmed	Assessed Next Inspection Date			

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DETAILED INSPECTION VISUAL EXTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	Good			Acceptable overall condition
V2	General Corrosion	N/A			No concerns
V3	General Leaks	N/A			None noted
V4	Vibration	N/A			
V5	Dissimilar Flange Rating	Acceptable			Similar ratings
V6	Ladder/Stairway/ <u>Platforms</u>	N/A			
V7	Heads	Fair	Top Quick opening head		Cladding damage
V8	Guy Wires	N/A			
V9	Electrical Ground	Good	Attached to skid		Secure
V10	Painted Inactive Corrosion	N/A			
V11	Coating/Painting	Good			Acceptable condition
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	Good	Temp, pressure and level gauge		Clear and legible
V14	Shell	Good			Insulated and cladding is good minor dents,
V15	Jacket	Acceptable			Cladding damage on top head
V21	Support Other (Please explain)	Good	Piping		Adequately supported
V22	Foundation	Good			Building supported by skid
V23	Anchor Bolts	Good			Secure
V24	Saddle/Skirt	Skirt			Bolted to building floor
V25	Davit	N/A			
V26	Fireproofing	N/A			
V31	Connections Other (Please explain)	Good			All accessible connections appear secure
V32	Small Branches	Good	Tubing		No leaks or kinks
V33	Nozzles	N/A			
V34	Manways	N/A			
V35	Reinforcing Pads	N/A			
V36	Inadequate Thread Engagement	N/A			
V37	Bolting	Acceptable			
V38	Flanges	Acceptable			
V39	Leak Clamps	N/A			
V41	Insulation Other (Please explain)	Acceptable	Shell, piping and top head		Cladding damage on top head
V42	Damage	Fair	Top Head		Cladding damage on top head
V43	Penetrations	N/A			
V44	Insulation Jacket	Fair			Damage on top head, minor dents on piping cladding
V45	Banding	N/A			
V46	Seals/Joints	N/A			
V51	Relief Devices Other (Please explain)	Good	Top Shell		Service is up to date, set pressure acceptable
V52	Corrosion	N/A			None noted on exposed surfaces
V53	Leaks	n/a			None noted
V54	Restricted Inlet/Outlet	N/A			
V55	Manual Operation Lever	N/A			

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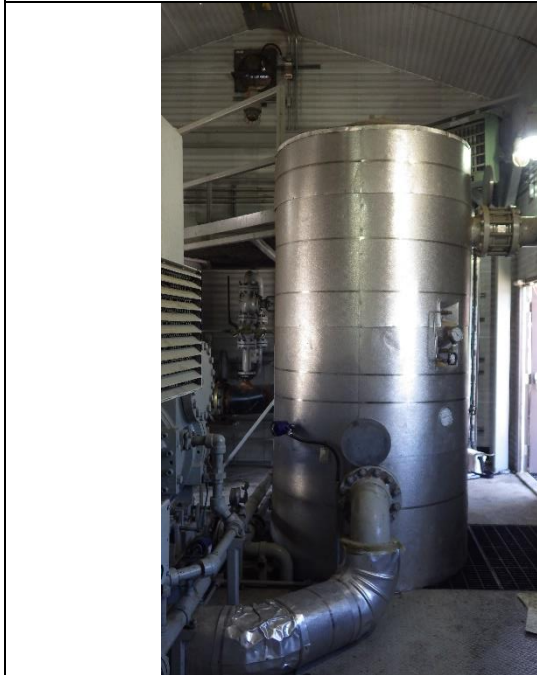
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PHOTOS



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